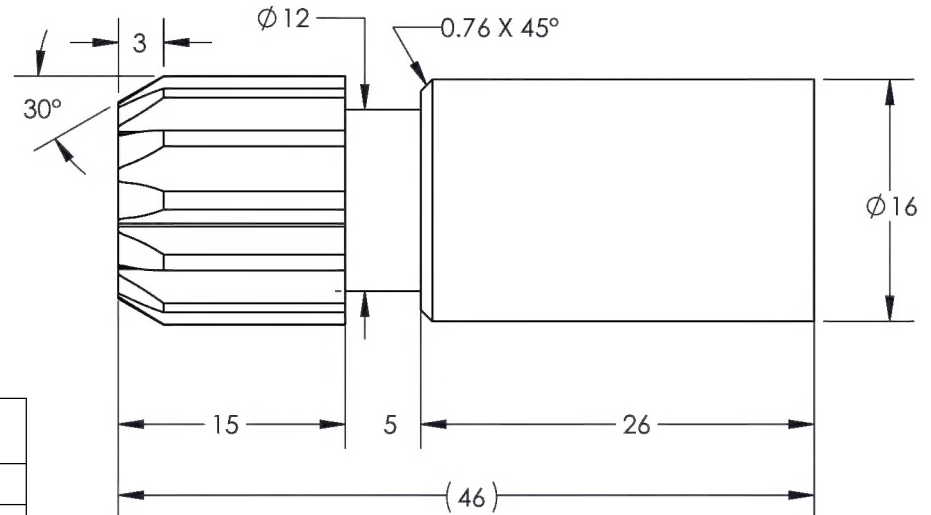
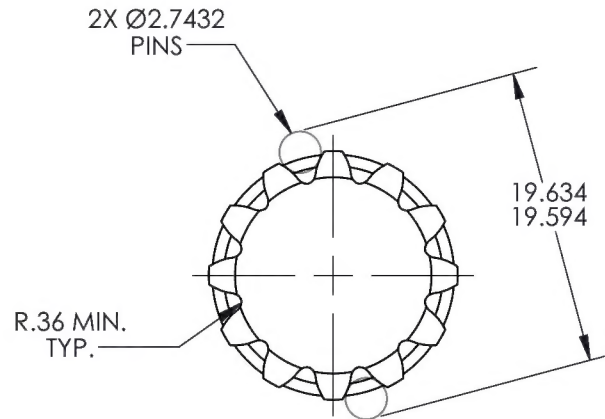


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15.0206	ADDED .76 X 45° CHAMFER, ADDED NOTE 2, CH'D PIN DIAMETER WAS 2X Ø2.667 IS Ø2.7432.	11/20/2015	RJC	JAG



EXTERNAL SPLINE DATA INVOLUTE PROFILE SIDE FIT FILLET ROOT

PRESSURE ANGLE	30°
MODULE	1.27
NUMBER OF TEETH	12
PITCH DIAMETER	15.240
BASE DIAMETER	13.19823
CIRCULAR SPACE THICKNESS (EFFECTIVE)	/
CIRCULAR SPACE THICKNESS (ACTUAL)	1.880/1.900
PINS DIAMETER	2.7432
DIMENSION BETWEEN PINS	19.634/19.594
MAJOR DIAMETER	16.500/16.400
MINOR DIAMETER	12.590/12.460
MAX T.I.F. DIAMETER	13.868
MAX CUMULATIVE PITCH ERROR BETWEEN TWO TEETH	.036
MAX PROFILE ERROR (TOTAL)	.008/- .013
MAX PARALLEL (SM ERROR TOTAL)	.008
MATING SPLINE	4G6320A11131

NOTE:

1. THIS DRAWING IS USED FOR TOOTH PROFILE ONLY.
2. ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED.

DART AEROSPACE	
TITLE SPLINED REACTION	
DWG NO. RBW6305G31351-3G	REV 1
MAT'L 1018/1020	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 2:1	DATE 11/17/2014
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				1	EXTERNAL SPLINE	1018/1020		